

Issue 35 November 15th, 2014

Top links

Fire destroys Hardened Power Systems shop

HPS is popular among radio amateurs for their portable power hardware, the DHAP, and other unique equipment.

amateurradio.com

New Raspberry Pi A+ only \$20

Like the Model A, the Model A+ uses the BCM2835 application processor and has 256MB RAM, but it is significantly smaller, consumes less power, and inherits the many improvements that we made to the Model B+

raspberrypi.org

bandconditions.com

The purpose of this experimental website is to provide 24/7 realtime band condition information. It's is based on "HF lonospheric Interferometry."

bandconditions.com

49.9 MHz backscatter radar 16 kW with 64 antennas

The Bahir Dar coherent backscatter radar is being assembled by researchers from the University of Oulu, Finland and Boston College, USA.

AMSAT UK

Does shortwave radio have a future?

Epic article pondering the future of shortwave radio.

The SWLing Post

Ultimate3 QRSS/WSPR kit

The Ultimate3 QRSS/WSPR Transmitter Kit transmits QRSS, Hell, Opera, PI4 and WSPR slow-signal modes on any HF or MF band.

QRP Labs

40 years of tracking OSCAR-7

William Leiienaar (PE1RAH) shows how people tracked satellites in the time before PC's and

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AMSAT Argentina shows how it's done today.

AMSAT UK

California scientist-ham on the air from Antarctica's McMurdo Station

Ham radio is not the primary reason Ron Flick (K6REF) is in Antarctica, but it's proving to be an enjoyable diversion to his scientific activities at McMurdo Station and the Ross Ice Shelf.

ARRL

Allowable international contacts with Ham Radio

While there are currently no banned countries, there are countries that don't let their citizens use ham radio.

Ham Radio School

Video

DV MEGA: D-Star shield for Raspberry Pi

It's a small PCB that plugs into the GPIO connector on a Raspberry Pi computer and works with the G4KLX D-Star Repeater software.

Michael Carey

Eight days of solar flares on NASA video

The surface of the sun from October 14th to 30th, 2014, showing sunspot AR 2192, the largest sunspot of the last two solar cycles (22 years).

Southgate

How to

Turn your Raspberry Pi into a live HDTV transmitter

Be sure to comply with the radio regulations applicable in your country. In particular, transmitting with significant power in the UHF TV bands will most likely get you into trouble. Your best bet is to get a ham radio license and use the 23 cm band.

OZ9AEC

Finally...

DXpedition launches payment plan for QSLs

They can sign up with PayPal or a credit card and then we'll bill them in three easy payments of \$19.95.

Ham Hijinks

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